

ELMC

ELEMENT MINING
AND CONSTRUCTION



Element Slurry Hoses.

Element slurry hoses are designed for maximum durability and performance in the toughest operating conditions. Flexible and easy to install, they often require only basic tools for setup — saving time and effort on site.

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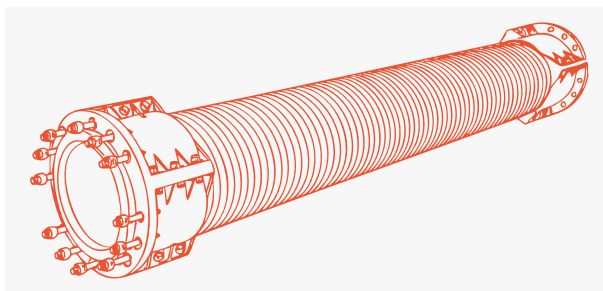
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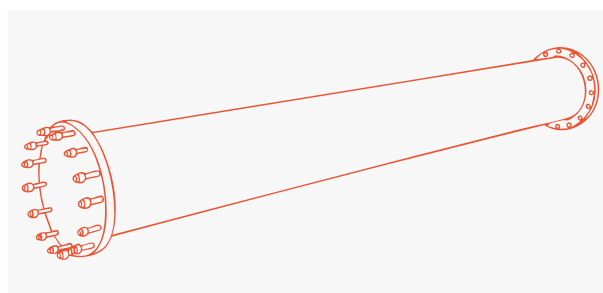
Our Product Range:

Our hoses are manufactured with a wear-resistant inner lining made from high-grade natural rubber, neoprene, or chloroprene — tailored to withstand the specific abrasiveness and chemical composition of the slurry.



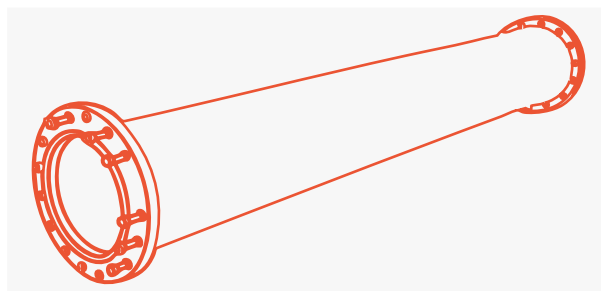
Flexible Hose with Couplings

Maximum length	Up to 11,8 m
Inner diameter	Up to 610 mm
Vacuum pressure	Up to 0,8 Bar
Wear-resistant layer thickness	Up to 15 mm
Working pressure	Up to 10 Bar
Bend radius	Up to 3D



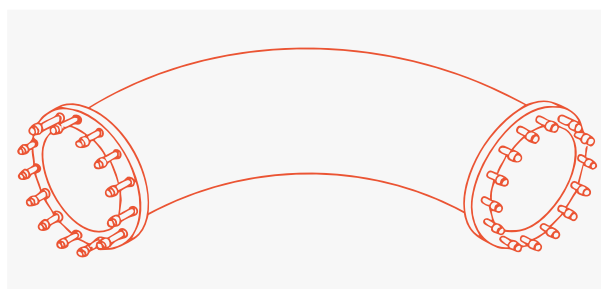
Rubber-Lined Steel Pipe

Maximum length	Up to 10 m
Inner diameter	Up to 1380 mm
Vacuum pressure	Up to 0,8 Bar
Wear-resistant layer thickness	Up to 25 mm
Working pressure	Up to 40 Bar



Flanged Hose

Maximum length	Up to 11,8 m
Inner diameter	Up to 1020 mm
Vacuum pressure	Up to 0,8 Bar
Wear-resistant layer thickness	Up to 25 mm
Working pressure	Up to 25 Bar
Bend radius	10D



Rubber Bend, Long-Radius Rubber Bend, Rubber-Lined Steel Bend

Inner diameter	Up to 820 mm
Vacuum pressure	Up to 0,8 Bar
Bend radius	From 1,5D
Wear-resistant layer thickness	Up to 20 mm
Working pressure	Up to 16 Bar

Element slurry hoses feature a unique design developed to enhance lifetime. Our hoses, couplings, and seals are engineered as a complete unit. Their interchangeability is possible by demand.

Advantages of Element Hoses



Reinforced nipple flanges

They provide additional structural support and secure connection under high-pressure conditions.



High Vacuum Resistance

Rated to withstand up to 0.8 bar vacuum pressure, making it ideal for suction lines and other negative pressure operations.



Thick inner layer (20mm)

Made from a unique blend of over 40 natural and synthetic rubber compounds, it ensures great wear resistance and flexibility in abrasive applications.



Protective Outer Cover

With 4mm of thickness, it's designed to withstand harsh conditions, offering extended hose lifespan in field operations.